HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

JAN 2 7 2005

PATENT APPLICATION

ATTORNEY DOCKET NO. 10980422-3

UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):

Jong Chan

Confirmation No.: 5386

Application No.: 09/846,868

Examiner: M. C. Maskulinski

Filing Date:

May 1, 2001

Group Art Unit: 2184

Title:

MEMORY CONTROLLER SUPPORTING REDUNDANT SYNCHRONOUS MEMORIES

Mail Stop AF Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

| Sir: | | | •• |
|--------------|---|--------------------|------------------------------------|
| Tran | smitted herewith is/are the following in the al | oove-identified ap | plication: |
| (X) | Response/Amendment | () | Petition to extend time to respond |
| () | New fee as calculated below | () | Supplemental Declaration |
| (X) | No additional fee | | |
| (X) | Other: Return postcard | · | (fee \$) |

| | | | Y | ENTIT | SMALL | HER THAN A | NDED BY OT | S AS AME | CLAIN | • |
|---------------------------|---|---------------|--------------|-------------------------|-------|--|----------------|------------------------|--|------------------|
| (7) ADDITIONAL FEES | | (6) RATE | | (5) PRESENT EXTRA | | (4) HIGHEST NUMBER PREVIOUSLY PAID FOR | | (3) NUMBER EXTRA | (2) CLAIMS REMAINING AFTER AMENDMENT | - |
| 0 | \$ | \$50 | х | 0 | = | 20 | | MINUS | 12 | TOTAL CLAIMS |
| . 0 | \$ | \$200 | x | 0 | = | .3 | , | MINUS | 1 | INDEP. CLAIMS |
| . 0 | [] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM + \$360 \$ | | | | | | | | | |
| 0 | \$ | | MON 590.0 | | ٠ | | MONTH 50.00 | | 1ST MONTH \$120.00 | EXTENSION FEE |
| | \$ | OTHER FEES \$ | | | | | | | | |
| 0 | TOTAL ADDITIONAL FEE FOR THIS AMENDMENT \$ | | | | | | | | | |

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

Date of Deposit: Jan. 24, 2005

Typed Name: Patrick G. Billig

Signature

Respectfully submitted,

Jong Chan

Patrick G. Billig

Attorney/Agent for Applicant(s)

Reg. No. 38,080

Date: Jan. 24, 2005

Telephone No.: (612) 573-2003

- Attach as First Page to Transmitted Papers -

EXPEDITED PROCEDURE Examining Group Number 2100

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Parapplicant:

Jong Chan

Examiner: Michael C. Maskulinski

Serial No.:

09/846,868

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SYNCHRONOUS MEMORIES

Corres. and Mail

RESPONSE UNDER 37 C.F.R. 1.116

Mail Stop AF

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This Response is in reply to the Final Office Action mailed November 24, 2004. No claims have been amended with this Response.